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printn(s, n)
  char *s;
  int n;
  { n -= strlen(s);
    while ( n-- > 0 )
      fputc ( ' ', prn_fd );
    while ( *s )
      fputc ( *(s++), prn_fd );
  }

```

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println(s, n)
  char *s;
  int n;
  { char i;
    i = strlen(s);
    while ( i < 2 )
    { s[2] = s[1];
      s[1] = *s;
      *s = '0';
      ++i;
    }
    n -= i;
    while ( --n > 0 )
      fputc ( ' ', prn_fd );
    while ( *s )

```

#### I claim:

1. An automated merchandising system for computer software comprising:

a memory for storing software for distribution to customers;

a point of sale terminal including customer interface means for receiving a software select customer choice input; and

means for writing software selected by a customer from the memory onto a software carrier; and

means for associating an identification code with software provided to a customer, said identification code comprising at least one of the following identification parameters: purchaser identification, point of sale identification and date of purchase, wherein said means for associating comprises means for embedding said identification code on the software carrier.

2. An automated merchandising system for computer software according to claim 1 and also comprising means associated with said customer interface means for verifying means of payment.

3. An automated merchandising system for computer software according to claim 1 and also comprising means for printing manuals accompanying the software selected by the customer and dispensing same to the customer.

4. An automated merchandising system for computer software according to claim 1 and also comprising means for preventing copying of software copied onto the software carrier.

5. An automated merchandising system for computer software according to claim 1 and wherein said memory is located at a point of sale terminal.

6. An automated merchandising system for computer software according to claim 1 and wherein said memory is located at a location remote from a point of sale terminal and is connected therewith terminals by means of a modem.

7. An automated merchandising system for computer software according to claim 1 and comprising a plurality of point of sale terminals in communication with said memory.

8. An automated merchandising system for computer software according to claim 1 and wherein said memory also contains information used to print manuals.

9. An automated merchandising system for computer software according to claim 1 and wherein said point of sale terminal includes means permitting remote access by a customer via a modem.

10. An automated merchandising system according to claim 1 and also comprising means for dispensing said carrier bearing the software selected by the customer to the customer.

11. An automated merchandising system according to claim 1 and wherein said memory comprises a CD ROM.

12. An automated merchandising system according to claim 1 and also comprising means for generating a sales report in hard copy form including at least one of the following identification parameters: purchaser identification, point of sale identification, program identification, date of purchase, serial number for program copy.

13. An automated merchandising system according to claim 1 and also comprising means for generating and displaying a menu for enabling a potential customer to locate software in which he has a potential interest.

14. An automated merchandising system according to claim 1 and also comprising key word search means enabling a potential purchaser to search available programs via key words in their names or descriptions.

15. An automated merchandising system according to claim 1 and also comprising demonstration computer means for providing to a potential customer the opportunity for operating the software prior to a decision to purchase.

16. An automated merchandising system according to claim 1 and also comprising:

means for generating a sales report in hard copy form

including at least one of the following identification parameters: purchaser identification, point of sale identification, program identification, date of purchase, serial number for program copy; and means for generating and displaying a menu for enabling a potential customer to locate software in which he has a potential interest, and wherein said means for associating comprises means for imbedding said identification code on the software carrier.

17. An automated merchandising system according to claim 1 and also comprising:  
key word search means enabling a potential purchaser to search available programs via key words in their names or descriptions; and demonstration computer means for providing to a potential customer the opportunity for operating the software prior to a decision to purchase.

chaser to search available programs via key words in their names or descriptions; and demonstration computer means for providing to a potential customer the opportunity for operating the software prior to a decision to purchase.

18. An automated merchandising system according to claim 16 and also comprising:

key word search means enabling a potential purchaser to search available programs via key words in their names or descriptions; and demonstration computer means for providing to a potential customer the opportunity for operating the software prior to a decision to purchase.

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